

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/003533

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01J23/38 H01J25/593

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J H05H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 266 180 A (* EEV LIMITED) 20 October 1993 (1993-10-20) page 4, last paragraph - page 6, paragraph 1; figures 1,4	1-4, 6-9, 15
X Y	----- US 5 162 698 A (KATO ET AL) 10 November 1992 (1992-11-10) abstract column 3, line 4 - column 4, line 56; figures 1,2 column 8, line 6 - line 23	1-12, 15-18, 13,14
X	----- US 2 556 181 A (HANSEN WILLIAM W) 12 June 1951 (1951-06-12) the whole document column 3, line 43 - column 7, line 61; figures 1,2 ----- -/--	1-10, 16, 17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

25 July 2005

Date of mailing of the international search report

04/08/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TREADO T A ET AL: "Phase control of crossed-field devices for HPM power combining" CONFERENCE RECORD - ABSTRACTS. 1990 IEEE INTERNATIONAL CONFERENCE ON PLASMA SCIENCE (CAT. NO.90CH2857-1) 21-23 MAY 1990 OAKLAND, CA, USA, 21 May 1990 (1990-05-21), pages 131-132, XP010004989 IEEE New York, NY, USA Abstracts No. 2P3-3 and 2P3-4 -----	1,11,15, 16,18
Y	US 2 880 356 A (CHARLES DANIEL ET AL) 31 March 1959 (1959-03-31) column 1, line 62 - line 70; figures 1,2 column 3, line 58 - line 73 -----	13,14

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
GB 2266180	A	20-10-1993	EP	0589019 A1	30-03-1994
			WO	9321647 A1	28-10-1993
US 5162698	A	10-11-1992	NONE		
US 2556181	A	12-06-1951	NONE		
US 2880356	A	31-03-1959	CH	322052 A	31-05-1957
			FR	1074995 A	11-10-1954
			GB	758854 A	10-10-1956